

ABSTRACT OF THE DISCLOSURE

5 A tachometer with a projection light source generating light of a color corresponding to an instant rotational speed of the car engine to indicate to a racer the best time for gear shift switching by changing the color of the generated light. The device includes a micro-processor, a memory device where a color corresponding to a respective speed segment, as well as speed value critical for shift switch are recorded,
10 and a light source device including a switch device, an electric-control loop and a RGB illumination device set. The light source device is controlled by the microprocessor to change the color of the generated light when the speed reaches the critical value pre-set by a user.